

Iowa Crops & Weather



Iowa Agricultural Statistics
210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
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Mid-Summer Crop Progress Report

Agricultural Summary: Reports of favorable crop conditions were received across the state. Field activities included some respraying of soybeans and continued harvest of hay. Despite the rise in temperatures early last week, more heat units would be beneficial for corn.

There were 5.0 **days suitable for fieldwork**, compared to 4.9 days the previous week and 6.2 days last year at this time. **Topsoil moisture** rated 1 percent very short, 7 percent short, 82 percent adequate, and 10 percent surplus across Iowa. **Subsoil moisture** rated 7 percent short, 82 percent adequate, and 11 percent surplus.

Field Crops Report: The **corn acreage tasseled** was 89 percent, compared to 76 percent last year and the 5-year average of 83 percent. The **corn acreage silked** was 73 percent, compared to 56 percent last year and the 5-year average of 69 percent. Eight percent of the state's corn was at **milk stage** while 4 percent was in **dough stage**. **Corn condition** was rated 2 percent very poor, 5 percent poor, 14 percent fair, 52 percent good, and 27 percent excellent. **Soybean acreage blooming** was 87 percent, compared to 75 percent last year and the 5-year average of 82 percent. **Soybean acreage setting pods** was 43 percent, compared to 24 percent last year and the 5-year average of 37 percent. **Soybean condition** was rated 2 percent very poor, 5 percent poor, 18 percent fair, 50 percent good, and 25 percent excellent. **Oat acreage harvested for grain** was 36 percent complete. **Oat condition** was rated 1 percent very poor, 3 percent poor, 15 percent fair, 62 percent good, and 19 percent excellent. The **second cutting of alfalfa** advanced to 79 percent complete from 61 percent the previous week. **Hay condition** was rated 1 percent very poor, 3 percent poor, 17 percent fair, 54 percent good, and 25 percent excellent.

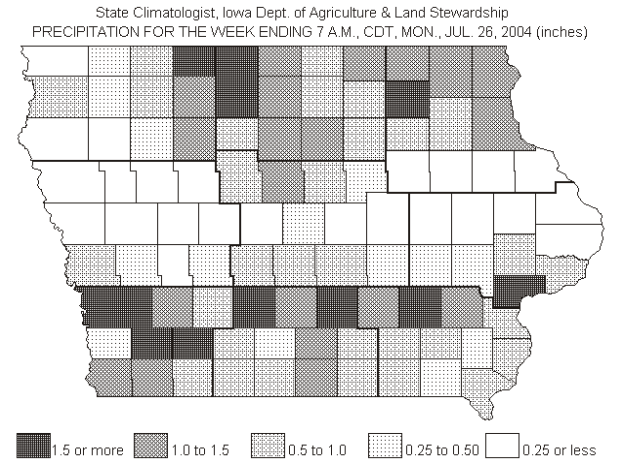
Livestock, Pasture, and Range Report: Overall, livestock conditions were good and pastures were looking better than normal for this time of year. **Pasture and range condition** was rated 4 percent poor, 19 percent fair, 51 percent good, and 26 percent excellent.

Iowa Weather Summary

The past work week began with near seasonal temperatures on Monday (19th) with highs in the 80's along with a few low 90's in the west. Tuesday (20th) was the hottest day thus far this summer in many areas with 90's in the south and west and 80's across the north and east. Very humid conditions prevailed on Wednesday (21st) while highs were mainly in the 80's with a few scattered 90 degree readings. Temperatures dropped slightly below normal on Thursday (22nd) and were well below normal over the weekend. Highs were in the 70's statewide on Friday (23rd) and Sunday (25th) and only in the 60's in many areas on Saturday (24th). Temperature extremes for the week ranged from afternoon highs of 95 degrees at Glenwood on Monday (19th) and again at Glenwood and Shenandoah on Tuesday (20th), down to a low of 45 degrees at Mapleton on Sunday (25th) morning. Temperatures for the week as a whole averaged 3.2 degrees below normal.

A few thunderstorms edged into extreme northeast Iowa on Monday (19th) while Tuesday (20th) was dry in most areas. Wednesday (21st) brought thunderstorm activity to most of Iowa. Thunderstorms were primarily confined to the southern one-half of Iowa on Thursday (22nd) while dry weather prevailed on Friday (23rd). Light rain fell across the southern one-half of the state on Saturday (24th) while Sunday (25th) was dry. Weekly rainfall totals varied from 2.79 inches at Omaha-Council Bluffs and 2.77 inches at Algona to only sprinkles at Rock Rapids, Anamosa and Maquoketa. The statewide average precipitation was 0.72 inches while normal for the week is 0.94 inches.

Statewide Crop Conditions as of July 25, 2004					
Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	5	14	52	27
Hay, all	1	3	17	54	25
Oats	1	3	15	62	19
Range & Pasture	0	4	19	51	26
Soybeans	2	5	18	50	25



Field Work and Crop Progress as of July 25, 2004													
Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn tasseled	81	85	80	91	94	92	99	96	96	89	57	76	83
Corn silked	59	67	57	80	80	79	87	82	90	73	38	56	69
Soybeans blooming	92	93	83	89	82	83	91	75	85	87	69	75	82
Soybeans setting pods	37	46	43	43	41	34	61	35	49	43	19	24	37
Oats harvested for grain	29	22	15	46	55	33	56	61	68	36	10	42	54
Hay, alfalfa - second crop harvested	90	74	66	83	78	85	89	75	84	79	61	82	78

Days Suitable & Soil Moisture Condition as of July 25, 2004												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>
Days suitable	5.2	4.6	4.6	5.4	5.5	5.9	3.2	4.2	5.3	5.0	4.9	6.2
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil moisture												
Very short	0	0	1	3	0	1	0	1	1	1	0	6
Short	7	3	2	17	5	18	0	2	10	7	5	20
Adequate	88	81	76	77	89	79	84	79	84	82	83	69
Surplus	5	16	21	3	6	2	16	18	5	10	12	5
Subsoil moisture												
Very short	0	0	0	1	0	0	0	1	1	0	0	5
Short	5	4	3	13	5	10	0	6	15	7	5	17
Adequate	91	69	74	83	86	89	87	82	80	82	84	72
Surplus	4	27	23	3	9	1	13	11	4	11	11	6

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, July 25, 2004										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	87	49	70	-3	1.68	0.91	15.73	2.68	141	-13
	91	47	71	-3	0.24	-0.51	15.10	1.82	151	-17
	90	46	72	-2	1.00	0.09	12.59	-0.94	156	-7
	90	50	70	-3	1.27	0.45	14.76	1.75	142	-40
Britt Humboldt Mason City Northwood	North Central District									
	88	50	71	-3	1.44	0.50	18.38	3.70	145	-16
	87	54	71	-4	0.67	-0.24	16.92	2.01	146	-22
	87	49	70	-4	0.52	-0.42	26.87	11.75	141	-20
	88	51	70	-3	1.03	0.11	25.27	11.04	143	-18
Decorah Dubuque Elkader Independence Waterloo	North East District									
	90	49	71	-3	3.06	2.18	26.30	11.49	152	-11
	88	50	71	-3	0.13	-0.78	12.70	-2.67	145	-16
	89	50	71	-3	0.81	-0.17	22.05	7.60	145	-39
	89	47	70	-3	0.27	-0.78	21.70	6.11	140	-46
Waterloo	91	46	72	-2	0.31	-0.76	14.15	-1.72	156	-7
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	90	48	71	-6	0.15	-0.69	19.90	4.78	148	-34
	92	47	72	-3	0.11	-0.82	14.61	-1.56	154	-14
	92	50	73	-3	0.05	-0.65	11.26	-2.83	162	-3
	92	48	73	-3	0.43	-0.34	19.69	4.39	162	-13
Harlan Jefferson Logan Rockwell City Sioux City	90	49	72	-4	0.41	-0.38	18.10	3.13	153	-15
	92	51	73	-1	0.08	-0.85	18.38	2.21	166	-2
	92	51	74	-3	0.72	-0.05	16.44	1.74	167	-15
	88	51	71	-4	0.18	-0.79	20.24	5.23	148	-26
	92	47	74	-3	0.06	-0.64	12.40	-0.02	172	-10
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	90	48	72	-2	0.54	-0.47	19.60	3.18	156	-10
	92	49	73	-2	0.05	-0.72	14.25	-1.91	165	-4
	91	56	74	-4	0.61	-0.23	17.20	2.64	171	-18
	90	51	72	-3	0.71	-0.27	14.57	-1.34	155	-13
Marshalltown Newton Perry Toledo	90	47	72	-2	0.64	-0.32	16.29	0.81	154	-10
	92	52	72	-4	0.60	-0.24	19.48	4.36	158	-17
	90	49	72	-3	0.25	-0.53	18.00	2.76	156	-13
	90	48	71	-4	0.05	-0.93	13.25	-2.55	146	-20
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	89	50	72	-4	0.09	-0.82	13.68	-1.16	151	-20
	89	56	72	-5	0.41	-0.45	17.01	2.56	155	-27
	90	57	73	-5	0.28	-0.84	16.71	0.39	163	-25
	91	52	72	-2	0.24	-0.74	17.25	0.92	156	-12
Maquoketa Muscatine	90	53	70	-4	0.00	-0.78	15.74	1.16	141	-21
	90	55	72	-4	1.69	0.71	15.54	0.10	158	-3
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	91	51	72	-5	1.33	0.21	17.65	0.96	155	-27
	95	50	74	-3	0.43	-0.41	15.51	-0.03	173	-11
	90	51	72	-4	1.04	0.20	19.28	4.31	153	-18
	92	52	73	-5	1.10	0.17	16.37	-0.36	162	-27
Oakland Red Oak Sidney	94	54	73	-5	0.95	-0.11	17.53	1.99	162	-27
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	89	56	71	-6	1.62	0.61	16.26	0.72	147	0
	90	54	71	-5	0.95	-0.01	14.69	-0.51	151	-29
	90	55	72	-4	0.82	-0.14	16.55	0.43	158	-22
	90	55	72	-4	1.02	0.18	18.32	2.79	157	-18
Leon	89	55	72	-5	1.50	0.59	19.07	3.45	152	-30
Bloomfield Burlington Ottumwa	South East District									
	91	56	72	-5	0.69	-0.36	15.46	-0.13	154	-31
	90	59	73	-3	0.26	-0.67	11.13	-3.69	164	-18
	90	56	73	-5	0.63	-0.35	11.23	-3.47	163	-26

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.